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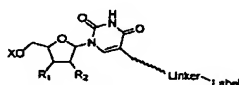
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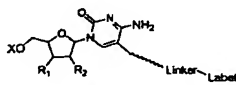
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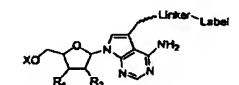
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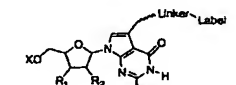
Uracine C5-linker



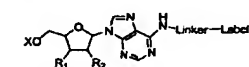
Cytidine C5-linker



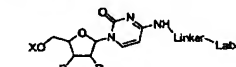
N7 Desazaadenosine C7-linker



N7 Deszaguanosine C7-linker



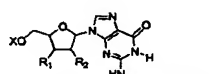
Adenosine N6-linker



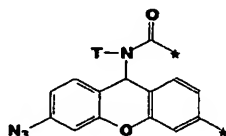
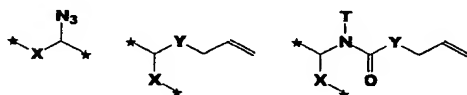
Cytidine N4-linker

where R₁ and R₂, which may be the same or different, are each selected from H, OH, or any group which can be transformed into an OH. Suitable groups for R₁ and R₂ are described in Figure 3

X = H, phosphate, diphosphate or triphosphate



Guanosine N2-linker



(I)

(57) Abstract: The invention provides a nucleotide or nucleoside having a base attached to a detectable label via a cleavable linker, characterised in that the cleavable linker contains a moiety selected from the group comprising : Formula (I) (wherein X is selected from the group comprising O, S, NH and NQ wherein Q is a C₁₋₁₀ substituted or unsubstituted alkyl group, Y is selected from the group comprising O, S, NH and N(allyl), T is hydrogen or a C₁₋₁₀ substituted or unsubstituted alkyl group and * indicates where the moiety is connected to the remainder of the nucleotide or nucleoside).



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